BRUHAT BANGALORE MAHANAGARA PALIKE

BBMP/2020-21/OW/WORK_INDENT42430

APPROVED SCHEDULE - B

o.EE/BTP/BBMP/E-PMT/02/2020-21, Date: 28.05.2020

Name of Work:Drilling of Borewell Providing and Installing Pump Motor and other accessories at HMT Layout Thindlu Vidyaranyapura areas in Ward No 09 Vidyarnayapura Vidyaranyapura sub Division

Sl. No.	Approved Qty.	Description	Unit	Approved Tender Rates of B Chandrashekar ( )	
				In Figures	In Words
1	4	Geophysical investigation of site for sinking Borewell for supplying drinking water to the habitation either through the Hand pump, MWS of P.W.S.S by vertical electrical sounding by adopting Venner or Schlumberger's method, including reconnaissance survey of geological formation, Gerophysical investigation of existing Ground Wate in the vicinity, its quality & acceptability of the users indicating the location of site, recommended depth of casing pipe required to seal the top unconsolidated formation including an extra depth of 1.0 meter in consolidated formation for proper seating of casing pipe, depth of drilling required to cover full depth of aquifer proposed to be tapped, probable yield and other information required including transportation of instrument and accessories to work site., engaging techinical personal and labour required etc., as per Specification and direction ,with all lead	Each	3447.72	Rupees Three Thousand Four Hundred Forty Seven and Seventy Two Paise Only
2	200	Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above CFM & above in all strats including over burden upto 20 mts fixing of casing pipes, collars and cap with necessary cutting, throading and welding including transportation of rig and supporing vehicles, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding coat of casing pipes, collars and cap etc.,) ,with all lead and lift, loading, unloading and labour charges etc., complete and as per the directions of the Engineer in	Rmtr	317.5	Rupees Three Hundred Seventeen and Fifty Paise Only
3	200	50 to 100 m	Rmtr	404.43	Rupees Four Hundred Four and Forty Three Paise Only
4	200	100 to 150 m	Rmtr	417.24	Rupees Four Hundred Seventeen and Twenty Four Paise Only
5	200	150 to 200 m	Rmtr	490.44	Rupees Four Hundred Ninety and Forty Four Paise Only
6	200	200 to 250 m	Rmtr	580.11	Rupees Five Hundred Eighty and Eleven Paise Only
7	200	250 to 300 m	Rmtr	640.5	Rupees Six Hundred Forty and Fifty Paise Only
8	200	300 to 350 m	Rmtr	754.88	Rupees Seven Hundred Fifty Four and Eighty Eight Paise Only
9	320	Supply of ISI mark 175 mm nominal bore, Plain end steel casing pipe - grade of Steel Fee 410 of wall thickness 5.4mm thick confirming to IS 4270:2001 and latest amendments, electric resistance welded steel tube material and confirming to IS 1387/1993 and manufactured by baseic open hearth electric or basic oxygen process in random length of 5 to 7 mts both ends threaded confirming tio IS 554/1985, one end fixied with socket confirming to IS 4270:2001 and the other end with screwed pipes ISI Marking weighing 25.10Kg/mtr (Inclusive of all taxes and durties) Prices include Collar-medium duty	Rmtr	1262.7	Rupees One Thousand Two Hundred Sixty Two and Seventy Paise Only

Signature of the contractor

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Executive Engineer

Sl. No.	Approved Qty.	Description	Unit	Approved Tend... B Chandrasheka...	
				In Figures	In W...
10	72	Providing 250mm dia PVC Pipe 6kg/cm etc., complete and as per the directions of the Engineer-in-charge of the work	Rmtr	1006.5	Rupees O... Thousand Six ... Fifty Paise Onl...
11	4	Providing and fixing Borewell Cap & Clamp Set etc., complete and as per the directions of the Engineer-in-charge of the work	Set	1647.0	Rupees One Thousand Six Hundred Forty Seven Only
12	4	Supply and delivery at site brand New texmo/ innoval/ Lubi/ Sabar / Atalanta/ Calamal/ make suitable for vertical installation in 150mm dia bore well comprising of single stage or multistage CF pump close coupled by measns of stainless steel coupling to suitable HP suitable speed totally enclosed and filled with pure drinking water (Wet type) squirrel cage submersible induction motor suitable for opertation of 3PH., 50 Hz, 380/440 volts AC supply fitted with required aqccessories such as suction, casing suction strainers sand guard Non return value etc. complete . The pump and motor shall form an integral unit with all the required fittings 12.50 HP 25 stage. ATALANTA< SUGNA< CRI, KIRLOSKAR and other Equivalent Pumps etc., complete and as per the directions of the Engineer-in-charge of the work	No	58100.67	Rupees Fifty Eight Thousand One Hundred and Sixty Seven Paise Only
13	1400	GI Pipe 50 mm'B' class etc., complete and as per the directions of the Engineer-in-charge of the work	M	379.72	Rupees Three Hundred Seventy Nine and Seventy Two Paise Only
14	236	Heavy Duty Collar 50 mm dia etc., complete and as per the directions of the Engineer-in-charge of the work	No	164.7	Rupees One Hundred Sixty Four and Seventy Paise Only
15	4	Providing non-return valve 50 mm etc., complete and as per the directions of the Engineer-in-charge of the work	No	1647.0	Rupees One Thousand Six Hundred Forty Seven Only
16	72	Providing Gate Valve 50 mm etc., complete and as per the directions of the Engineer-in-charge of the work	No	1647.0	Rupees One Thousand Six Hundred Forty Seven Only
17	4	Supplying and Fixing Out Door Panel up to 15 HP etc., complete and as per the directions of the Engineer-in-charge of the work	No	14182.5	Rupees Fourteen Thousand One Hundred Eighty Two and Fifty Paise Only
18	2560	Submersible Cable 1x3x6.0 Sq.mm etc., complete and as per the directions of the Engineer-in-charge of the work	M	131.76	Rupees One Hundred Thirty One and Seventy Six Paise Only
19	216	Labour charges for erection as new /repaired submercible pumpset allong with GI pipe (32/50mm) cable (new submercible pumpset if required will be supplied by the department free of cost and released pumpset shoud be handed over to department including transportation (Each lenth =6.00) etc., complete and as per the directions of the Engineer-in-charge of the work	L	80.52	Rupees Eighty and Fifty Two Paise Only
20	4	Supplying and fixing 20"x20"x2.5" polished wood board made of not less than 15mm thick plank on both sides with planks made out of not more than 2 pieces and fixing the same to the wall using tapered inverted wooden plugs screws etc., complete and as per the directions of the Engineer-in-charge of the work	Each	267.18	Rupees Two Hundred Sixty Seven and Eighteen Paise Only
21	140	Supplying of 1.1 KV LT UG cable having aluminum conductor PVC insulated, extruded inner sheathed, galvanized, steel strip (except 2CX10Sq.mm wire armoured) confirming to IS-3975:1990 (No. of Strip indicated in GTP) & extruded PVC outer sheathed armoured cable with specified IS-1554 Part-1:1988 & confirming to GTP of GROUP-A 4 core 16 Sqmm etc., complete and as per the directions of the Engineer-in-charge of the work	Mtr	137.25	Rupees One Hundred Thirty Seven and Twenty Five Paise Only

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	Approved Qty.	Description	Unit	Approved Tender Rates of B Chandrashekar ( )	
				In Figures	In Words
22	140	Labour charges for laying of 1.1 KV class UG cable in existing trench GI pipe / stoneware pipe / on wall / on pole as required.In existing trench/duct etc., complete and as per the directions of the Engineer-in-charge of the work	Mtr	10.87	Rupees Ten and Eighty Seven Paise Only
23	120	Digging of trench of 0.6m deep x 0.50 mtr wide refilling the trench to the required ground level and consolidating etc., complete and as per the directions of the Engineer-in-charge of the work	Mtr	69.54	Rupees Sixty Nine and Fifty Four Paise Only
24	16	Supplying and fixing of class A (medium duty) GI pipe of wall thickness not less than 3.25mm on pole/wall/drain crossing with necessary clamping arrangements for UG cable of 1.1 KV etc., complete and as per the directions of the Engineer-in-charge of the work	Mtr	306.52	Rupees Three Hundred Six and Fifty Two Paise Only
25	4	Supplying and fixing L.T. cast Iron pot heads suitable for 1.1 KV class UG cable filled with necessary bitumen/insulating compound complete with terminals, clamps, bolts, nuts and washers etc., complete and as per the directions of the Engineer-in-charge of the work	No	247.05	Rupees Two Hundred Forty Seven and Five Paise Only
26	4	Supplying, fixing, wiring, earth electrode for grounding conduits, I.C. cutouts and other equipment's on the meter board using 40mm dia 2.90mm thick GI pipe 2.5 mtr long buried in a pit ... The pit should be filled with equal proportion of salt and charcoal 150mm all-round the pipe to complete depth. The connection from the pipe to the conduit etc., is to be established through GI wire of size as per ISI specification 7.3.3. of IS 732 using 12mm dia bolts, nuts, washers and check nuts etc., the pipe shall have 16 through holes of 122 mm dia etc., complete and as per the directions of the Engineer-in-charge of the work	No	2744.73	Rupees Two Thousand Seven Hundred Forty Four and Seventy Three Paise Only
27	24	Supplying & fixing of Porcelain fuse channel with cut out on existing wooden/panel using necessary nuts, bolts and washers etc., complete and as per the directions of the Engineer-in-charge of the work	No	159.21	Rupees One Hundred Fifty Nine and Twenty One Paise Only
28	4	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898. 5-32Amps Group A TPN etc., complete and as per the directions of the Engineer-in-charge of the work	No	1569.22	Rupees One Thousand Five Hundred Sixty Nine and Twenty Two Paise Only
29	93600	Fabricating supplying and mounting MS box made out ... SWG suitable for floor / wall mounting, fully weather proof with provision for better heat dissipation, provided with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished with 2 coats of red oxide primer paint and finally finished with approved colour enameled metal paint etc., complete and as per the directions of the Engineer-in-charge of the work	Sq Cm	0.32	and Thirty Two Paise Only
30	97.2	Earthwork excavation for pipeline trenches including deporiting or bank up to a lead of 50 mtrs including shiriry and statting danger lighting and using site rails and boming poles at every 100 mtrs wherever necessary as directed in th following strata by Manual Means etc., complete and as per the directions of the Engineer-in-charge of the work	Cum	239.73	Rupees Two Hundred Thirty Nine and Seventy Three Paise Only
31	270	Providing and instalation at site of works P.V.C.Pipes including cost of pipes and specials and incluidng lowring into trenches, laying true to line, level and perfect linking at joints, leak proof including jointing encasing the pipe alround to a depth Not less than 15cm with grave or selected earth avalabile from the execavation etc., complete and as per the directions of the Engineer-in-charge of the work	Rmtr	189.4	Rupees One Hundred Eighty Nine and Forty Paise Only
32	32.04	Filling the foundations KSRRB 2100-6. Filling the foundations trenches using approved sand as per drawing and technical specifications in 250mm layers, wherever necessary watering and ramming, including cost of all materials, labour complete as per specifications.	Cum	2947.53	Rupees Two Thousand Nine Hundred Forty Seven and Fifty Three Paise Only

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				In Figures	In W...
33	65.16	Refilling the basement and pipeline treanches with secleted available earthe for trench excavation including watering, consolidation in layers of 15 cm thick including disposing of the sunplus earth with a lead of 200 mtrs etc., complete and as per the directions of the Engineer-in-charge of the work	Cum	94.24	Rupees Nine... Four and Twent... Four Paise Only

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Executive Engineer
Byarayanapura Division
BBMP, Bangalore - 92
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